

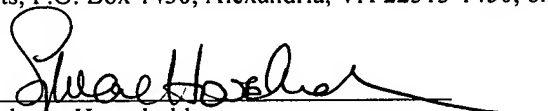
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lewis C. Cantley et al.  
Serial No. : 10/571,242  
Conf. No. : 6150  
Filed: : March 9, 2006  
Title : TUMOR SUPPRESSOR LKB1 KINASE DIRECTLY  
ACTIVATES AMP-ACTIVATED KINASE

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 27<sup>th</sup> day of April, 2007.

  
\_\_\_\_\_  
Sylvania Householder

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Sir:

This is in response to the Office Communication (Notice of Missing Requirements) mailed September 29, 2006. Please amend the above-identified application as follows.

Amendments to the specification begin on page 2.

Remarks begin on page 3.